

SPECIFICATION

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Protective, Orthotic Insert for Footwear

Cross Reference to Related Applications

This application is a continuation-in-part of U.S. Patent Application Serial No. 09/687,457, filed October 17, 2000, ^{now abandoned} under the names of the same inventors, and entitled PUNCTURE RESISTANT ORTHOTIC INSOLE. Priority is claimed to this earlier filed U.S. Patent Application under 35 United States Code § 120, and the earlier filed application is incorporated herein by reference in its entirety.

Background

[0001] 1. Field of the Invention.

[0002] The invention pertains to shoe inserts, and more particularly to protective shoe inserts.

[0003] 2. Background Information.

[0004] Laborers, technicians, supervisors, project managers and other professionals in industrial and construction industries often work in hazardous environments. Job sites and facilities are generally not open to the public and such facilities are not continually cleaned and made safe of dangerous conditions. As such, shards of glass, shreds of metal and other rigid construction materials, in particular nails, pose a continuing threat of injury to the feet of workers in these environments.

[0005]

To overcome such hazards, it has been proposed, and it is commonly practiced, that the sole of a work boot or safety shoe be integrally constructed of multiple layers of a high tensile strength synthetic or polymeric fibers, such as Kevlar (TM) in work boots. U.S. Patent No. 5,996,225, issued to George Ventura, shows such a technique.